Title (en)
Method for data transmission over a radio channel of a wireless network and corresponding station

Title (de)
Verfahren zur Datenübertragung über einen Funkkanal eines drahtlosen Netzwerks und entsprechende Station

Title (fr)
Procédé de transmission de données dans un canal radio d'un réseau sans fil et station correspondante

Publication
EP 2475123 A1 20120711 (EN)

Application
EP 11290005 A 20110105

Priority
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Abstract (en)
The present invention refers to a method (41) for data transmission over a radio channel (17) between a first station (13) of a wireless network (11) and a second station (15) of said network (11), the method (41) comprising: determining (51) at least one characteristic (c) of the radio channel (17) and adapting (59) signal processing being related to said data transmission and being performed by the first station (13) and/or the second station (15) according to said characteristic (c). In order to improve an average capacity of the channel (17) and/or the average throughput of data transmissions between the two network elements (13, 15) it is suggested that the at least one characteristic (c) is determined depending on a geographic location (r, s) of at least one of said stations (13, 15).

IPC 8 full level
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CPC (source: EP)
H04B 17/309 (2015.01); **H04L 1/0001** (2013.01); H04B 7/0617 (2013.01); H04B 17/26 (2015.01); H04B 17/27 (2015.01); H04W 16/28 (2013.01)

Citation (search report)
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